

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1270521

Luminaire Tested: P3A20R259740D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270521
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259740D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

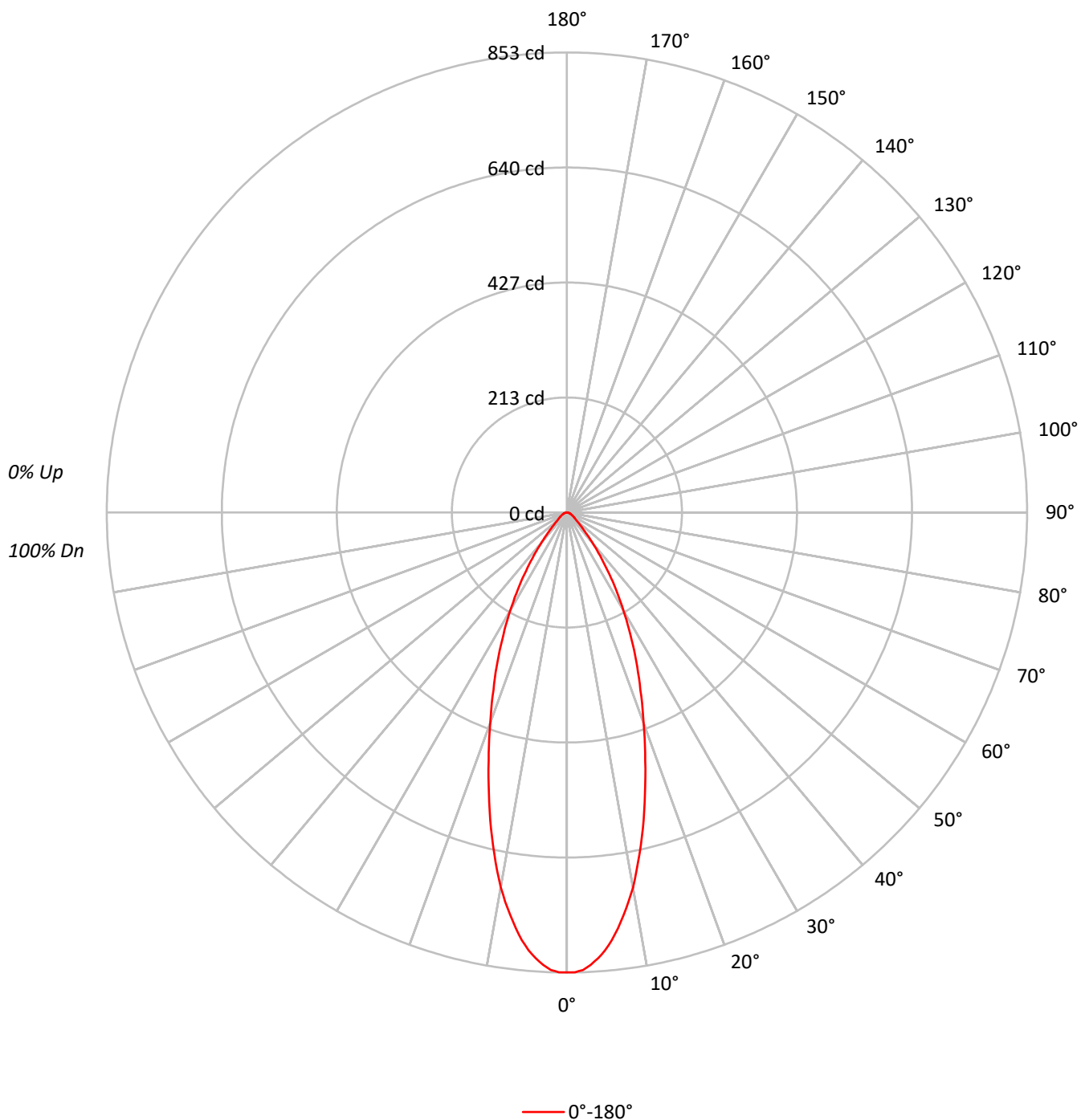
Lumens per Lamp: N/A
Luminaire Lumens: 515.0 lumens
Efficiency: N/A
Efficacy: 17.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1270521

CATALOG NUMBER: P3A20R259740D010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1270521

CATALOG NUMBER: P3A20R259740D010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	186981
5°	179374
10°	157134
15°	126312
20°	97052
25°	73432
30°	53071
35°	35255
40°	21383
45°	12435
50°	7949
55°	6461
60°	5614
65°	4981
70°	4103
75°	4067
80°	3031
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12435 cd/sqm

TEST NUMBER: P1270521

CATALOG NUMBER: P3A20R259740D010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.2	14.4
10°-20°	153.9	29.9
20°-30°	139.1	27.0
30°-40°	83.6	16.2
40°-50°	33.2	6.4
50°-60°	15.3	3.0
60°-70°	9.3	1.8
70°-80°	5.0	1.0
80°-90°	1.4	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	367.2	71.3
0°-40°	450.8	87.5
0°-60°	499.3	97.0
0°-90°	515.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	515.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	853	
5°	815	74
15°	556	154
25°	304	139
35°	132	84
45°	40	33
55°	17	15
65°	10	9
75°	5	5
85°	2	1
90°	0	

TEST NUMBER: P1270521

CATALOG NUMBER: P3A20R259740D010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	852.7
1°	852.7
2°	848.7
3°	839.8
4°	828.6
5°	814.9
6°	797.3
7°	777.2
8°	753.9
9°	730.6
10°	705.7
11°	676.8
12°	647.1
13°	617.4
14°	587.7
15°	556.4
17.5°	482.5
20°	415.9
22.5°	355.7
25°	303.5
27.5°	254.5
30°	209.6
32.5°	168.6
35°	131.7
37.5°	100.4
40°	74.7
42.5°	54.6
45°	40.1
47.5°	30.5
50°	23.3
52.5°	19.3
55°	16.9
57.5°	14.5
60°	12.8
62.5°	10.4
65°	9.6
67.5°	8.0
70°	6.4
72.5°	5.6
75°	4.8
77.5°	4.0
80°	2.4
82.5°	1.6
85°	1.6
87.5°	0.8



TEST NUMBER: P1270521

CATALOG NUMBER: P3A20R259740D010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)